



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20070001

Agency Interest No. 3351

Mr. John C. Kelly
Vice President, Operations & Engineering
Trunkline LNG Company, LLC
Post Office Box 4967
Houston, TX 77210-4967

RE: Part 70 Operating Permit; Lake Charles LNG Receiving Terminal; Trunkline LNG Company, LLC;
8100 Big Lake Road; Lake Charles; Calcasieu Parish; Louisiana

Dear Mr. Kelly:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2012 unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2007.

Permit No.: 0520-00098-V7

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary

CCB:kap
c: EPA Region VI

ENVIRONMENTAL SERVICES
PO BOX 4313, BATON ROUGE, LA 70821-4313
P:225-219-3181 F:225-219-3309
WWW.DEQ.LOUISIANA.GOV

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
TRUNKLINE LNG COMPANY, LLC / LAKE CHARLES LNG RECEIVING TERMINAL
PROPOSED PART 70 AIR OPERATING PERMIT MAJOR MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on a Part 70 air operating major modification permit for Trunkline LNG Company, LLC, P.O. Box 4967, Houston, Texas 77210-4967 for the Lake Charles LNG Receiving Terminal. **The facility is located at 8100 Big Lake Road, Lake Charles, Calcasieu Parish.**

Trunkline LNG Company, LLC (Trunkline) owns and operates a liquefied natural gas (LNG) terminal, the Lake Charles LNG Receiving Terminal (Facility), in Lake Charles. The Facility currently operates under Permit No. 0520-00098-V6 issued on November 15, 2006; Prevention of Significant Deterioration (PSD) Permit No. PSD-LA-97(M-2) issued on May 27, 1987; and PSD Permit No. PSD-LA-685 issued on October 1, 2002.

In this proposed permit modification, Trunkline proposed the following:

1. To redesignate the use of nine (9) diesel-fired fire water pumps from Insignificant Activities (in the current Title V permit, Permit No. 0520-00098-V6 issued on November 15, 2006) to permitted emission sources in this permit. Also, two additional diesel-fired fire water pumps will be added and permitted as emission sources.
2. To reduce the currently permitted total annual heat input CAPs for the vaporizers. Vaporizers E-3 through E-9 and E-14 through E-16 will have a total annual heat input CAP of 4,577,000 MM BTU/yr (currently permitted at 5,704,000 MM BTU/yr). Vaporizers E-17 through E-20 will have a total annual heat input CAP of 1,870,600 MM BTU/yr (currently permitted at 2,331,200 MM BTU/yr).
3. To reduce the operational run time of the turbine (E-1) from 200 hr/yr to 150 hr/yr.

Items 2 and 3 above will allow the Facility to proceed with the aforementioned project and not trigger Prevention of Significant Deterioration (PSD) regulations.

Public notice is required for this permit for the following reason:

1. Pursuant to LAC 33:III.525.A.2.f, Federally enforceable emission caps are being made more stringent to avoid the applicability of PSD regulations. This results in the permit modification being categorized as a significant/major modification.

Estimated emissions in tons per year (TPY) for the Lake Charles LNG Receiving Terminal are as follows:

Pollutant	Current Operations	Operations After Iep Completion*	Change
PM ₁₀	44.04	34.54	- 9.50
SO ₂	4.30	3.39	- 0.91
NO _x	333.22	234.31	- 98.91
CO	176.51	131.18	- 45.33
VOC	33.48	28.04	- 5.44

* IEP – Infrastructure Enhancement Project approved in the current Title V air permit.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the

"Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, November 1, 2007.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The proposed permit, permit application, and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.

Additional copies may be reviewed at the Calcasieu Parish Library – Headquarters located at 301 W. Claude Street, Lake Charles, LA 70605 and the Calcasieu Parish Library - Sulphur Regional Branch located at 1160 Cypress Street, Sulphur, LA 70663.

Inquiries or requests for additional information regarding this permit action should be directed to Mr. Kyle A. Prestenbach, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3132.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 3351, Permit Number 0520-00098-V7, and Activity Number PER20070001.

Scheduled Publication Date: Friday, September 28, 2007.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Lake Charles LNG Receiving Terminal
Agency Interest No.: 3351
Trunkline LNG Company, LLC
Lake Charles, Calcasieu Parish, Louisiana**

I. Background

Trunkline LNG Company, LLC (Trunkline) owns and operates a liquefied natural gas (LNG) terminal, the Lake Charles LNG Receiving Terminal (Facility), in Lake Charles. The Facility currently operates under Permit Number 0520-00098-V6 issued on November 15, 2006; Prevention of Significant Deterioration (PSD) Permit Number PSD-LA-97(M-2) issued on May 27, 1987; and PSD Permit Number PSD-LA-685 issued on October 1, 2002.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire dated February 12, 2007 were submitted by Trunkline requesting a significant modification to its Part 70 Operating Permit. Supplemental information dated July 10, 2007 was also received. The application was subsequently revised through an Addendum dated August 6, 2007.

III. Description

The Lake Charles LNG Receiving Terminal receives liquefied natural gas (LNG) by marine vessel at its marine terminal. The LNG is transferred to four pressurized storage vessels which are not emission sources. Vapors created during the transfer operation are re-pressurized and re-injected into the LNG stream. Pumps submerged in the LNG tanks elevate the pressure of the liquid sufficiently to lift it out of the tanks and circulate it to the dock area to maintain those lines in a cold state. Second stage pumps elevate the pressure to about 1500 psig before the LNG enters the vaporizers. The facility operates fourteen (14) vaporizers (E-3 through E-9 and E-14 through E-20) to re-gasify the LNG for subsequent transmission via interstate pipeline. The current permit also authorizes the reduction in usage of these vaporizers and the installation of ambient air vaporizers.

Ancillary emission sources at the Facility include one (1) electrical generation turbine (E-1), two (2) fuel gas heaters (E-10 and E-11), one (1) WEG solution heater (E-21), two (2) 176.5 MMBtu/hr glycol heaters (E-22 and E-23), component fugitive losses (FG-1), one (1) gasoline storage tank (T-3), and three (3) diesel-powered emergency generator engines (EG-1, EG-2, and SEG). Insignificant activities authorized for this Facility are listed in Section IX of this permit.

With the previous permit modifications (Permit Nos. 0520-00098-V4 and 0520-00098-V5), Trunkline proposed to add four (4) additional vaporizers (Emission Points E-17, E-18, E-19, and E-20); one (1) glycol solution heater (Emission Point E-21); to reclassify the existing gas-fired turbine generator (Emission Point E-1) to a standby unit with an operating schedule limited to 800 hours per year; to remove the GE Turbine (Emission Point E-12) from the permit as the plans to construct it were abandoned; and to update fugitive emissions to reflect the changes. Trunkline then proposed to add language that clarifies the fact that the existing

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<2>Object moved to here.</2>

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engine. The associated eleven (11) small diesel storage tanks will be listed as Insignificant Activities since the total emissions from the tanks are less than 5 TPY.

Trunkline submitted an Addendum dated August 6, 2007 to the significant modification application. In this Addendum, Trunkline proposed to further reduce the permitted operational limitations of the existing vaporizers and turbine at the Facility because of errors in the PSD Netting calculations submitted in the application dated February 12, 2007. With this Addendum, vaporizers E-3 through E-9 and E-14 through E-16 will have a total annual heat input CAP of 4,577,000 MM BTU/yr and vaporizers E-17 through E-20 will have a total annual heat input CAP of 1,870,600 MM BTU/yr. Also, the turbine (E-1) will be limited to 150 hours of operation per year. The aforementioned CAP changes and the lower limit on the turbine operational hours will allow the Facility to not trigger PSD regulations (see PSD below).

Prevention of Significant Deterioration (PSD)

This permit modification involves construction of new sources at the facility. A PSD Netting Analysis was conducted to determine if the proposed additional and existing diesel firewater pumps at the Lake Charles LNG Receiving Terminal (Facility) require a full PSD review. As shown in the tables below, the PSD Netting Analysis indicates that PSD review is not required. However, the Facility is authorized and will continue to operate in compliance with the existing PSD permit authorizations.

Estimated emission increases of PSD pollutants in tons per year (TPY) from the aforementioned projects are as follows:

Project Related Increases of PSD Pollutants without Associated Decreases			
Pollutant	Increase (TPY)	PSD Significance Levels (TPY)	PSD Netting Analysis Required
CO	42.23	100	No
NO _x	64.76	40	Yes
SO ₂	1.26	40	No
PM ₁₀	11.86	15	No
VOC	11.21	40	No

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PSD Netting Analysis for NO _x	
	NO _x TPY
Turbine E-1	- 100.82 ¹
Existing Vaporizers (E-3 through E-9 and E-14 through E-16)	37.28 ¹
Vaporizers Recently Constructed (E-17 through E-20)	51.74 ²
WEG Heater (E-21)	0.22 ²
Proposed Glycol Heaters (E-22 and E-23)	40.59 ²
Emergency Generators (EG-1, EG-2, SEG) and Firewater Pumps (FWP-1 through FWP-11)	9.53 ²
PSD Netting Analysis Total	38.53
PSD Significance Level Trigger Value (TPY)	40
PSD Review Required (Yes/No)	No

¹ Emissions are past actual NO_x emissions from 2003 through 2004 minus the NO_x emissions proposed in the Infrastructure Enhancement Project

² Sources had no past actual NO_x emissions from 2003 through 2004. Only the proposed NO_x emissions from the Infrastructure Enhancement Project were considered.

Non-attainment New Source Review (NNSR)

The Lake Charles LNG Receiving Terminal is located in Lake Charles which is in attainment with National Ambient Air Quality Standards (NAAQS) for all regulated pollutants. Therefore, NNSR regulations do not apply.

Proposed Emissions

Estimated emissions in tons per year (TPY) for the Lake Charles LNG Receiving Terminal are as follows:

POLLUTANT	CURRENT OPERATIONS (NEW PHASE I) ¹	OPERATIONS AFTER IEP COMPLETION (NEW PHASE II)	CHANGE
PM ₁₀	44.04	34.54	- 9.50
SO ₂	4.30	3.39	- 0.91
NO _x	333.22	234.31	- 98.91
CO	176.51	131.18	- 45.33
VOC*	33.48	28.04	- 5.44

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*VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):			
POLLUTANT	CURRENT OPERATIONS (NEW PHASE I)¹	OPERATIONS AFTER IEP PROJECT COMPLETION (NEW PHASE II)	CHANGE
Benzene	0.01	0.01	No change
Ethyl benzene	0.01	0.01	No change
Formaldehyde	0.94 ²	0.61 ²	- 0.33
MTBE	0.02	0.02	No change
Toluene	0.04	0.04	No change
Xylenes	0.03	0.03	No change
Total	1.05	0.72	- 0.33

¹ Estimated emissions vary from Permit No. 0520-00098-V6 because of the following: 1.) Estimated emissions of VOC and formaldehyde were incorrectly listed in Permit No. 0520-00098-V6; the formaldehyde emissions were not included in the Total VOC emissions. 2.) Estimated emissions include emissions from the diesel firewater pumps (FWP-1 through FWP-11) which are not listed in Permit No. 0520-00098-V6. The diesel firewater pump emissions are not incumbent upon the IEP project.

² Emissions are exempt from the requirements of LAC 33:III.Chapter 51 because they are combustion related (LAC 33:III.5105.B.3)

Other VOC	27.32
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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD), and New Source Performance Standards (NSPS). National Emission Standards for Hazardous Air Pollutants (NESHAP) do (not) apply.

The Lake Charles LNG Receiving Terminal (Facility) is regulated under established standards in New Source Performance Standards (NSPS), 40 CFR 60 Subpart GG – Standards of Performance for Stationary Gas Turbines, 40 CFR 60 Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, and 40 CFR 60 Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

The Facility is a major source under the Prevention of Significant Deterioration (PSD) program, 40 CFR 52.21, and LAC 33:III.509. The natural gas turbine (Emission Point E-1), the fuel gas heaters (Emission Points E-10 and E-11), and seven LNG vaporizers (Emission Points E-3 through E-9) are permitted under PSD Permit Number PSD-LA-97(M-2), issued

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May 27, 1987. The emission limits in this permit for the natural gas turbine, the fuel gas heaters, and the LNG vaporizers are more stringent than the emission limits in the PSD Permit.

Three LNG vaporizers (Emission Points E-14, E-15, and E-16) are permitted under PSD Permit Number PSD-LA-685, issued October 1, 2002. The emission limits in this permit for the LNG vaporizers are more stringent than the emission limits in the PSD Permit.

The Facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

Public notice was required for this permit for the following reason:

1. Pursuant to LAC 33:III.525.A.2.f, Federally enforceable emission caps are being made more stringent to avoid the applicability of PSD regulations. This results in the permit modification being categorized as a significant/major modification.

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2007; and in the *American Press*, Lake Charles, on <date>, 2007. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>, 2007. The draft permit was also submitted to US EPA Region VI on <date>, 2007. All comments will be considered prior to the final permit decision.

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VII. Effects on Ambient Air

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Air Quality Standard (NAAQS)
< N/A >	-	-	-

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates - tons				
		PM ₁₀	SO ₂	NO _x	CO	VOC
N/A	---	---	---	---	---	---

IX. Insignificant Activities

ID No.:	Description	Citation
T-1	Diesel Storage Tank, 1,000 gallons	LAC 33:III.501.B.5.A.3
T-2	Bunker C Storage Tank	LAC 33:III.501.B.5.D
T-4	Diesel Storage Tank, 1,000 gallons	LAC 33:III.501.B.5.A.3
BCH-1	Bunker C Heater 1, 1.98 MM BTU/hr	LAC 33:III.501.B.5.A.1
BCH-2	Bunker C Heater 2, 1.98 MM BTU/hr	LAC 33:III.501.B.5.A.1
T-5 thru T-15	Diesel Storage Tanks, 280 gallons	LAC 33:III.501.B.5.A.3

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Lake Charles, Calcasieu Parish, Louisiana

X. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

ID No.	Description	LAC 33:III Chapter												40 CFR 60						40 CFR 61			40 CFR 63			40 CFR 64		
		5*	9	11	13	15	21	22	51*	56	59*	A	Ka	Kb	Db	Dc	GG	III	A	V.	FF	A	HHH	52	64	68		
UNF001	Entire Facility	1	1	1	1	1	1	3	3	1	3	1												3	3	3		
EQT003	E-1 Gas Turbine 2204-JA (Phase I)	1	1	1	1	1	1	1	1	1	1																	
EQT004	E-3 LNG Vaporizer 2101-CA	1	1	1	1	1	1	1	1	1	1																	
EQT005	E-4 LNG Vaporizer 2101-CB	1	1	1	1	1	1	1	1	1	1																	
EQT006	E-5 LNG Vaporizer 2101-CC	1	1	1	1	1	1	1	1	1	1																	
EQT007	E-6 LNG Vaporizer 2101-CD	1	1	1	1	1	1	1	1	1	1																	
EQT008	E-7 LNG Vaporizer 2101-CE	1	1	1	1	1	1	1	1	1	1																	
EQT009	E-8 LNG Vaporizer 2101-CF	1	1	1	1	1	1	1	1	1	1																	
EQT010	E-9 LNG Vaporizer 2101-CG	1	1	1	1	1	1	1	1	1	1																	

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X. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

		LAC 33:III.Chapter												40 CFR 60				40 CFR 61				40 CFR 63			
ID No.	Description	5*	9	11	13	15	21	22	51*	56	59*	A	Ka	Kb	Dc	GG	III	A	V	FF	A	HHH	52	64	68
EQT011	E-10 Fuel Gas Heater 2211-LA	1		1	1	1																			
EQT012	E-11 Fuel Gas Heater 2211-LB	1		1	1	1																			
EQT013	E-14 LNG Vaporizer	1		1	1	1																			
EQT014	E-15 LNG Vaporizer	1		1	1	1																			
EQT015	E-16 LNG Vaporizer	1		1	1	1																			
EQT016	E-17 LNG Vaporizer SCV	1		1	1	1																			
EQT017	E-18 LNG Vaporizer SCV	1		1	1	1																			
EQT018	E-19 LNG Vaporizer SCV	1		1	1	1																			
EQT019	E-20 LNG Vaporizer SCV	1		1	1	1																			
EQT020	E-21 WEG Solution Heater 2211-LC	1		1	1	1																			
EQT021	T-3 Gasoline Storage Tank	1																							3

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X APPPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

		LAC 33:III.Chapter												40 CFR 60						40 CFR 61			40 CFR 63			40 CFR		
ID No.	Description	5*	9	11	13	15	21	22	51*	56	59*	A	Ka	Kb	Db	Dc	GG	III	A	V	FF	A	HHH	52	64	68		
EQT023	E-1 Gas Turbine 2204-JA (Phase II)	1		1	1	1																						
EQT024	E-22 Glycol Heater (3202-C1)	1		1	1	1													1									
EQT025	E-23 Glycol Heater (3202-C2)	1		1	1	1													1									
EQT026	EG-1 Diesel Emergency Generator	1		1	1	1																						
EQT027	EG-2 Diesel Emergency Generator	1		1	1	1																						
EQT028	SEG Diesel Emergency Generator	1		1	1	1																						
EQT030	FWP-1 Diesel Firewater Pump	1		1	1	1																						
EQT031	FWP-2 Diesel Firewater Pump	1		1	1	1																						
EQT032	FWP-3 Diesel Firewater Pump	1		1	1	1																						

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X. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

		LAC 33:III.Chapter										40 CFR 60						40 CFR 61			40 CFR 63			40 CFR 64		
DN No.	Description	5^	9	11	13	15	21	22	51*	56	59*	A	Ka	Kb	Db	Dc	GG	III	A	V	FF	A	HHH	52	64	68
EQT033	FWP-4 Diesel Firewater Pump	1		1	1	1																		3		
EQT034	FWP-5 Diesel Firewater Pump	1		1	1	1																		3		
EQT035	FWP-6 Diesel Firewater Pump	1		1	1	1																		3		
EQT036	FWP-7 Diesel Firewater Pump	1		1	1	1																		3		
EQT037	FWP-8 Diesel Firewater Pump	1		1	1	1																		3		
EQT038	FWP-9 Diesel Firewater Pump	1		1	1	1																		3		
EQT039	FWP-10 Diesel Firewater Pump	1		1	1	1																		3		
EQT040	FWP-11 Diesel Firewater Pump	1		1	1	1																		3		
FUG001	FG-1 Station Fugitives	1																						1		
GRP003	Vaporizer Heat Input CAP No. 1	1																						3		
GRP004	Vaporizer Heat Input CAP No. 2	1																						3		
GRP005	Glycol Heater Heat Input CAP	1																						3		

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* The regulations indicated above are State Only regulations.

▲ All LAC 33:III.Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY:

1. The regulations have applicable requirements, which apply to this particular emission source. The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
2. The regulations have applicable requirements, which apply to this particular emission source, but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
3. The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

ID No.:	Description	Requirement	Notes
UNF001	Entire Facility	LAC 33:III.2115 – Control of Emission of Organic Compounds: Waste Gas Disposal	DOES NOT APPLY. Facility is located in Calcasieu and emits less than 50 tons per year (TPY) of VOC.
		LAC 33:III.Chapter 22 – Control of Emissions of Nitrogen Oxides (NO _x)	DOES NOT APPLY. Facility is located in Calcasieu Parish. The provisions of this Chapter apply only to affected facilities located in the Baton Rouge Nonattainment Area and the Region of Influence.
		LAC 33:III.Chapter 51 – Comprehensive Toxic Air Pollutant Emission Control Program	DOES NOT APPLY. Facility is not a major source of toxic air pollutants.
		LAC 33:III.Chapter 59 – Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.5901]	DOES NOT APPLY. Facility does not produce, process, handle, or store substances listed.
		40 CFR 63 Subpart HHH – National Emission Standards for Hazardous Air Pollutants (NESHAP) From Natural Gas Transmission and Storage Facilities [40 CFR 63.1270(a)]	DOES NOT APPLY. The LNG Receiving Terminal does not meet the definition of a <i>facility</i> as defined in 40 CFR 63.1271, and is not a major source of hazardous air pollutants (HAPs).
		40 CFR 64 – Compliance Assurance Monitoring (CAM) [40 CFR 64.2(a)(2)]	DOES NOT APPLY. Facility does not use a control device to achieve compliance.
		40 CFR 68 – Chemical Accident Prevention Provisions [40 CFR 68.10(a)]	DOES NOT APPLY. Facility does not have a regulated substance.

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Lake Charles LNG Receiving Terminal
Agency Interest No.: 3351
Trunkline LNG Company, LLC
Lake Charles, Calcasieu Parish, Louisiana

XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

ID No.:	Description	Requirement	Notes
EQT003	E-1 – Gas Turbine 2204-JA (20 MW) (Phase I)	LAC 33:III.1503.C - Emission Standards for Sulfur Dioxide - Emission Limitations	EXEMPT. Units that emit less than 250 tons per year (TPY) of sulfur compounds measured as sulfur dioxide (SO_2) are exempted from the 2,000 ppm(v) limitation. However, the recordkeeping requirements of LAC 33:III.1513.A do apply.
EQT023	E-1 – Gas Turbine 2204-JA (20 MW) (Phase II)		
		LAC 33:III.1511.A - Emission Standards for Sulfur Dioxide - Continuous Emissions Monitoring	EXEMPT. Continuous monitoring for sources emitting less than 100 TPY of sulfur dioxide into the atmosphere is not required.
		40 CFR 60 Subpart GG - Standards of Performance for Stationary Gas Turbines [40 CFR 60.330]	EXEMPT from the NOx standard of 60.332(a) per 60.332(j). SO_2 standards of 60.333 still apply.
EQT004	E-3 – LNG Vaporizer 2101-CA	LAC 33:III.1503.C - Emission Standards for Sulfur Dioxide - Emission Limitations	EXEMPT. Units that emit less than 250 tons per year (TPY) of sulfur compounds measured as sulfur dioxide (SO_2) are exempted from the 2,000 ppm(v) limitation. However, the recordkeeping requirements of LAC 33:III.1513.A do apply.
EQT005	E-4 – LNG Vaporizer 2101-CB		
EQT006	E-5 – LNG Vaporizer 2101-CC		
EQT007	E-6 – LNG Vaporizer 2101-CD		
EQT008	E-7 – LNG Vaporizer 2101-CE		
EQT009	E-8 – LNG Vaporizer 2101-CF		
EQT010	E-9 – LNG Vaporizer 2101-CG		
EQT011	E-10 – Fuel Gas Heater 2211-LA		
EQT012	E-11 – Fuel Gas Heater 2211-LB		
EQT013	E-14 – LNG Vaporizer		
EQT014	E-15 – LNG Vaporizer		
EQT015	E-16 – LNG Vaporizer		

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XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

ID No.:	Description	Requirement	Notes
EQT016	E-17 – LNG Vaporizer SCV	LAC 33:III.Chapter 5 – Permit Procedures – Prevention of Significant Deterioration [LAC 33:III.509]	DOES NOT APPLY. The net contemporaneous increase in NOx emissions (as evaluated on an actual to allowable basis using 2001 through 2004 actual emissions) is less than its significance level of 40 TPY. Therefore, PSD review is not required.
EQT017	E-18 – LNG Vaporizer SCV		
EQT018	E-19 – LNG Vaporizer SCV		
EQT019	E-20 – LNG Vaporizer SCV		
EQT020	E-21 – WEG Solution Heater 2211-LC		
EQT024	E-22 – Glycol Heater (3202-C1)		
EQT025	E-23 – Glycol Heater (3202-C2)		
	LAC 33:III.1503.C - Emission Standards for Sulfur Dioxide - Emission Limitations	LAC 33:III.1511.A - Emission Standards for Sulfur Dioxide - Continuous Emissions Monitoring	EXEMPT. Units that emit less than 250 tons per year (TPY) of sulfur compounds measured as sulfur dioxide (SO_2) are exempted from the 2,000 ppm(v) limitation. However, the recordkeeping requirements of LAC 33:III.1513.A do apply.
			EXEMPT. Continuous monitoring for sources emitting less than 100 TPY of sulfur dioxide into the atmosphere is not required.
EQT026	EG-1 – Diesel Emergency Generator	LAC 33:III.Chapter 5 – Permit Procedures – Prevention of Significant Deterioration [LAC 33:III.509]	DOES NOT APPLY. The net contemporaneous increase in NOx emissions (as evaluated on an actual to allowable basis using 2001 through 2004 actual emissions) is less than its significance level of 40 TPY. Therefore, PSD review is not required.
EQT027	EG-2 – Diesel Emergency Generator		
EQT028	SEG – Diesel Emergency Generator		

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XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

ID No.:	Description	Requirement	Notes
(continued)			
EQT026	EG-1 – Diesel Generator	LAC 33:III.1503.C - Emission Standards for Sulfur Dioxide - Emission Limitations	EXEMPT. Units that emit less than 250 tons per year (TPY) of sulfur compounds measured as sulfur dioxide (SO_2) are exempted from the 2,000 ppm(v) limitation. However, the recordkeeping requirements of LAC 33:III.1513.A do apply.
EQT027	EG-2 – Diesel Generator		
EQT028	SEG – Diesel Generator	LAC 33:III.1511.A - Emission Standards for Sulfur Dioxide – Continuous Emissions Monitoring	EXEMPT. Continuous monitoring for sources emitting less than 100 TPY of sulfur dioxide into the atmosphere is not required.
		40 CFR 60 Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200(a)(2), (a)(3)]	DOES NOT APPLY. Sources were not constructed, reconstructed, or modified after July 11, 2005.
EQT021	T-3 – Gasoline Storage Tank	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 [40 CFR 60.110b])	DOES NOT APPLY. Storage tank is less than 10,000 gallons.

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XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

ID No.:	Description	Requirement	Notes
EQT030	FWP-1 – Diesel Firewater Pump	LAC 33:III.1503.C - Emission Standards for Sulfur Dioxide - Emission Limitations	EXEMPT. Units that emit less than 250 tons per year (TPY) of sulfur compounds measured as sulfur dioxide (SO_2) are exempted from the 2,000 ppm(v) limitation. However, the recordkeeping requirements of LAC 33:III.1513.A do apply.
EQT031	FWP-2 – Diesel Firewater Pump		
EQT032	FWP-3 – Diesel Firewater Pump		
EQT033	FWP-4 – Diesel Firewater Pump		
EQT034	FWP-5 – Diesel Firewater Pump		
EQT035	FWP-6 – Diesel Firewater Pump		
EQT036	FWP-7 – Diesel Firewater Pump		
EQT037	FWP-8 – Diesel Firewater Pump		
EQT038	FWP-9 – Diesel Firewater Pump		
EQT039	FWP-10 – Diesel Firewater Pump		
EQT040	FWP-11 – Diesel Firewater Pump		
		LAC 33:III.1511.A - Emission Standards for Sulfur Dioxide – Continuous Emissions Monitoring	EXEMPT. Continuous monitoring for sources emitting less than 100 TPY of sulfur dioxide into the atmosphere is not required.
			DOES NOT APPLY. This Subpart does not apply to stationary compression ignition (CI) internal combustion engines (ICE) that commence construction after July 11, 2005, are manufactured after April 1, 2006, and are fire pump engines.
			40 CFR 60 Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200(a)(2)(i)]

The above table provides explanation for both the exemption status and/or non-applicability of a source in the matrix presented in Section X of this permit.

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- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 - 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

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3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

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- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

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1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;

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4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated February 12, 2007, along with supplemental information dated July 10, 2007. The application was subsequently revised through an Addendum dated August 6, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]
- These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.
- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

INVENTORIES

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER2007001
Permit Number: 0520-00098-V7
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0003	E-1 - Gas Turbine 2204-JA (20 MW) Emergency (Phase I)		191.08 MM BTU/hr			800 hr/yr (All Year)
EQT0004	E-3 - LNG Vaporizer 2101-CA	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0005	E-4 - LNG Vaporizer 2101-CB	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0006	E-5 - LNG Vaporizer 2101-CC	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0007	E-6 - LNG Vaporizer 2101-CD	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0008	E-7 - LNG Vaporizer 2101-CF	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0009	E-8 - LNG Vaporizer 2101-CG	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0010	E-9 - LNG Vaporizer 2101-CG	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0011	E-10 - Fuel Gas Heater 2211-LA		6.02 MM BTU/hr	6.02 MM BTU/hr		8760 hr/yr (All Year)
EQT0012	E-11 - Fuel Gas Heater 2211-LB		6.02 MM BTU/hr	6.02 MM BTU/hr		8760 hr/yr (All Year)
EQT0013	E-14 - LNG Vaporizer	92 MM BTU/hr	92 MM bbl/yr			8760 hr/yr (All Year)
EQT0014	E-15 - LNG Vaporizer	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EQT0015	E-16 - LNG Vaporizer	92 MM BTU/hr	92 MM BTU/hr	92 MM BTU/hr		8760 hr/yr (All Year)
EOT0016	E-17 - LNG Vaporizer SCV	94 MM BTU/hr	94 MM BTU/hr	94 MM BTU/hr		8760 hr/yr (All Year)
EQT0017	E-18 - LNG Vaporizer SCV	94 MM BTU/hr	94 MM BTU/hr	94 MM BTU/hr		8760 hr/yr (All Year)
EQT0018	E-19 - LNG Vaporizer SCV	94 MM BTU/hr	94 MM BTU/hr	94 MM BTU/hr		8760 hr/yr (All Year)
EQT0019	E-20 - LNG Vaporizer SCV	94 MM BTU/hr	94 MM BTU/hr	94 MM BTU/hr		8760 hr/yr (All Year)
EQT0020	E-21 - WEG Solution Heater 2211-LC	3.5 MM BTU/hr	3.5 MM BTU/hr			8760 hr/yr (All Year)
EQT0021	T-3 - Gasoline Storage Tank	2000 gallons	120000 gallons/yr			8760 hr/yr (All Year)
EQT0023	E-1 - Gas Turbine 2204-JA (20 MW) Emergency (Phase II)		191.08 MM BTU/hr			150 hr/yr (All Year)
EQT0024	E-22 - Glycol Heater (3202-C1)	176.5 MM BTU/hr				8760 hr/yr (All Year)
EQT0025	E-23 - Glycol Heater (3202-C2)	176.5 MM BTU/hr				8760 hr/yr (All Year)
EQT0026	E-G-1 - Diesel Emergency Generator	571 horsepower	571 horsepower			200 hr/yr (All Year)
EQT0027	E-G-2 - Diesel Emergency Generator	2000 horsepower	2000 horsepower			200 hr/yr (All Year)
EQT0028	SEG - Diesel Emergency Generator	100 horsepower	100 horsepower			200 hr/yr (All Year)
EQT0030	FWP-1 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0031	FWP-2 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0032	FWP-3 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0033	FWP-4 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0034	FWP-5 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0035	FWP-6 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0036	FWP-7 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0037	FWP-8 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0038	FWP-9 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0039	FWP-10 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
EQT0040	FWP-11 - Diesel Firewater Pump - Clarke JX6H-UFB30, 430 hp	430 horsepower	430 horsepower			100 hr/yr (All Year)
FUG0001	FG-1 - Fugitive Losses from Pipeline Components	Not applicable	Not applicable			8760 hr/yr (All Year)
Stack Information:		ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)
						Discharge Area (square feet)
						Height (feet)
						Temperature (°F)

AIR INVENTORIES
AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER20070001
Permit Number: 0520-00098-V7
Air - Title V Regular Permit Major Mod

Stack Information:		Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility								
EQT0003	E-1 - Gas Turbine 2204-JA (20 MW) Emergency (Phase I)	60	258795	9.5			49.99	875
EQT0004	E-3 - LNG Vaporizer 2101-CA	27	7952	2.5			43	60
EQT0005	E-4 - LNG Vaporizer 2101-CB	27	7952	2.5			43	60
EQT0006	E-5 - LNG Vaporizer 2101-CC	27	7952	2.5			43	60
EQT0007	E-6 - LNG Vaporizer 2101-CD	27	7952	2.5			43	60
EQT0008	E-7 - LNG Vaporizer 2101-CE	27	7952	2.5			43	60
EQT0009	E-8 - LNG Vaporizer 2101-CF	27	7952	2.5			43	60
EQT0010	E-9 - LNG Vaporizer 2101-CG	27	7952	2.5			43	60
EQT0011	E-10 - Fuel Gas Heater 2211-LA	20	1677	1.3			20	250
EQT0012	E-11 - Fuel Gas Heater 2211-LB	20	1677	1.3			20	250
EQT0013	E-14 - LNG Vaporizer	27	7952	2.5			43	60
EQT0014	E-15 - LNG Vaporizer	27	7952	2.5			43	60
EQT0015	E-16 - LNG Vaporizer	27	7952	2.5			43	60
EQT0016	E-17 - LNG Vaporizer SCV	28.35	8350	2.5			43	60
EQT0017	E-18 - LNG Vaporizer SCV	28.35	8350	2.5			43	60
EQT0018	E-19 - LNG Vaporizer SCV	28.35	8350	2.5			43	60
EQT0019	E-20 - LNG Vaporizer SCV	28.35	8350	2.5			43	60
EQT0020	E-21 - WEG Solution Heater 2211-LC	20	1677	1.3			20	250
EQT0023	E-1 - Gas Turbine 2204-JA (20 MW) Emergency (Phase II)	60	258795	9.5			49.99	875
EQT0024	E-22 - Glycol Heater (3202-C1)	20	59623	8			170	352
EQT0025	E-23 - Glycol Heater (3202-C2)	20	59623	8			170	352
EQT0030	FWP-1 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0031	FWP-2 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0032	FWP-3 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0033	FWP-4 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0034	FWP-5 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0035	FWP-6 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0036	FWP-7 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0037	FWP-8 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0038	FWP-9 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0039	FWP-10 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851
EQT0040	FWP-11 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp	1.34	2280					851

Relationships:

INVENTORIES

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

Subject Item Groups:

ID	Group Type	Group Description
GRP0003	Equipment Group	VCAP1 - Vaporizer Heat Input CAP No. 1
GRP0004	Equipment Group	VCAP2 - Vaporizer Heat Input CAP No. 2
GRP0005	Equipment Group	GHCAP - Glycol Heater Heat Input CAP
UNF0001	Unit or Facility Wide	UNF001 - Entire Facility

Group Membership:

ID	Description	Member of Groups
EQT0004	E-3 - LNG Vaporizer 2101-CA	GRP00000000003
EQT0005	E-4 - LNG Vaporizer 2101-CB	GRP00000000003
EQT0006	E-5 - LNG Vaporizer 2101-CC	GRP00000000003
EQT0007	E-6 - LNG Vaporizer 2101-CD	GRP00000000003
EQT0008	E-7 - LNG Vaporizer 2101-CE	GRP00000000003
EQT0009	E-8 - LNG Vaporizer 2101-CF	GRP00000000003
EQT0010	E-9 - LNG Vaporizer 2101-CG	GRP00000000003
EQT0013	E-14 - LNG Vaporizer	GRP00000000003
EQT0014	E-15 - LNG Vaporizer	GRP00000000003
EQT0015	E-16 - LNG Vaporizer	GRP00000000003
EQT0016	E-17 - LNG Vaporizer SCV	GRP00000000004
EQT0017	E-18 - LNG Vaporizer SCV	GRP00000000004
EQT0018	E-19 - LNG Vaporizer SCV	GRP00000000004
EQT0019	E-20 - LNG Vaporizer SCV	GRP00000000004
EQT0024	E-22 - Glycol Heater (3202-C1)	GRP00000000005
EQT0025	E-23 - Glycol Heater (3202-C2)	GRP00000000005

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multplier	Units Of Measure
1490	Recip Nat Gas Comp (Less than 1,000 H.P.)	1	
1650	Petroleum Bulk Terminal	1	

SIC Codes:

4922	Natural gas transmission	A13351
4922	Natural gas transmission	UNF001
5171	Petroleum bulk stations and terminals	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

All ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

All phases

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0004 E-3	2.51	2.51		4.91	4.91		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0005 E-4	2.51	2.51		4.91	4.91		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0006 E-5	2.51	2.51		4.91	4.91		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0007 E-6	2.51	2.51		4.91	4.91	-	0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0008 E-7	2.51	2.51		4.91	4.91		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0009 E-8	2.51	2.51		4.91	4.91		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0010 E-9	2.51	2.51		4.91	4.91		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0011 E-10	0.10	0.10		0.44	0.63		2.80	0.05		0.20	0.004		0.02	0.001	
EQT 0012 E-11	0.10	0.10		0.44	0.63		2.80	0.05		0.20	0.004		0.02	0.001	
EQT 0013 E-14	2.51	2.51		4.90	4.90		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0014 E-15	2.51	2.51		4.90	4.90		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0015 E-16	2.51	2.51		4.90	4.90		0.68	0.68		0.06	0.06		0.50	0.50	
EQT 0016 E-17	3.20	3.20		5.20	5.20		0.74	0.74		0.06	0.06		0.51	0.51	
EQT 0017 E-18	3.20	3.20		5.20	5.20		0.74	0.74		0.06	0.06		0.51	0.51	
EQT 0018 E-19	3.20	3.20		5.20	5.20		0.74	0.74		0.06	0.06		0.51	0.51	
EQT 0019 E-20	3.20	3.20		5.20	5.20		0.74	0.74		0.06	0.06		0.51	0.51	
EQT 0020 E-21	0.58	0.58		2.53	0.05	0.05	0.23	0.04	0.04	0.17	0.004	0.004	0.02	0.06	0.06
EQT 0021 T-3													0.06	13.07	0.26
EQT 0030 FWP-1	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	1.05	1.05	0.05	2.16	2.16	0.11	
EQT 0031 FWP-2	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	1.05	1.05	0.05	2.16	2.16	0.11	
EQT 0032 FWP-3	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	1.05	1.05	0.05	2.16	2.16	0.11	
EQT 0033 FWP-4	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	1.05	1.05	0.05	2.16	2.16	0.11	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

All phases

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0034 FWP-5	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	0.05	1.05	0.05	2.16	2.16	0.11	
EQT 0035 FWP-6	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	0.05	1.05	0.05	2.16	2.16	0.11	
EQT 0036 FWP-7	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	0.05	1.05	0.05	2.16	2.16	0.11	
EQT 0037 FWP-8	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	0.05	1.05	0.05	2.16	2.16	0.11	
EQT 0038 FWP-9	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	0.05	1.05	0.05	2.16	2.16	0.11	
EQT 0039 FWP-10	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	0.05	1.05	0.05	2.16	2.16	0.11	
EQT 0040 FWP-11	0.45	0.45	0.02	4.08	4.08	0.20	0.20	<0.01	0.05	1.05	0.05	2.16	2.16	0.11	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

Phase I

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0003 E-1	17.00	17.00	6.80	47.50	47.50	19.00	1.26	1.26	0.50	0.11	0.11	0.05	0.98	0.98	0.39
EQT 0004 E-3			11.00			21.51			2.99			0.26			2.19
EQT 0005 E-4			11.00			21.51			2.99			0.26			2.19
EQT 0006 E-5			11.00			21.51			2.99			0.26			2.19
EQT 0007 E-6			11.00			21.51			2.99			0.26			2.19
EQT 0008 E-7			11.00			21.51			2.99			0.26			2.19
EQT 0009 E-8			11.00			21.51			2.99			0.26			2.19
EQT 0010 E-9			11.00			21.51			2.99			0.26			2.19
EQT 0013 E-14			11.00			21.50			2.99			0.26			2.19
EQT 0014 E-15			11.00			21.50			2.99			0.26			2.19
EQT 0015 E-16			11.00			21.50			2.99			0.26			2.19
EQT 0016 E-17			14.02			22.78			3.24			0.26			2.23
EQT 0017 E-18			14.02			22.78			3.24			0.26			2.23
EQT 0018 E-19			14.02			22.78			3.24			0.26			2.23
EQT 0019 E-20			14.02			22.78			3.24			0.26			2.23
FUG 0001 FG-1													0.12	0.12	0.51

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

Phase II

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0004 E-3	6.25			12.21			1.70			0.15			1.25		
EQT 0005 E-4	6.25			12.21			1.70			0.15			1.25		
EQT 0006 E-5	6.25			12.21			1.70			0.15			1.25		
EQT 0007 E-6	6.25			12.21			1.70			0.15			1.25		
EQT 0008 E-7	6.25			12.21			1.70			0.15			1.25		
EQT 0009 E-8	6.25			12.21			1.70			0.15			1.25		
EQT 0010 E-9	6.25			12.21			1.70			0.15			1.25		
EQT 0013 E-14	6.25			12.21			1.70			0.15			1.25		
EQT 0014 E-15	6.25			12.21			1.70			0.15			1.25		
EQT 0015 E-16	6.25			12.21			1.70			0.15			1.25		
EQT 0016 E-17	7.96			12.94			1.84			0.15			1.27		
EQT 0017 E-18	7.96			12.94			1.84			0.15			1.27		
EQT 0018 E-19	7.96			12.94			1.84			0.15			1.27		
EQT 0019 E-20	7.96			12.94			1.84			0.15			1.27		
EQT 0023 E-1	17.00	17.00	1.28	47.50	3.56	1.26	1.26	0.09	0.11	0.01	0.98	0.98	0.07		
EQT 0024 E-22	4.59	4.59	15.07	6.18	6.18	20.29	0.05	0.05	4.41	0.001	<0.01	0.99	0.99	3.24	
EQT 0025 E-23	4.59	4.59	15.07	6.18	6.18	20.29	0.05	0.05	4.41	0.001	<0.01	0.99	0.99	3.24	
EQT 0026 EG-1	3.81	3.81	0.38	17.70	17.70	1.77	1.26	0.13	1.43	0.14	2.94	2.94	0.29		
EQT 0027 EG-2	13.36	13.36	1.34	62.00	62.00	4.40	4.40	0.44	5.00	0.50	10.28	10.28	1.03		
EQT 0028 SEG	0.67	0.67	0.07	3.10	0.31	0.22	0.22	0.02	0.25	0.03	0.51	0.51	0.05		
FUG 0001 FG-1											0.18	0.18	0.78		

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

All phases

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 E-3	Formaldehyde	0.01	0.01	
EQT 0005 E-4	Formaldehyde	0.01	0.01	
EQT 0006 E-5	Formaldehyde	0.01	0.01	
EQT 0007 E-6	Formaldehyde	0.01	0.01	
EQT 0008 E-7	Formaldehyde	0.01	0.01	
EQT 0009 E-8	Formaldehyde	0.01	0.01	
EQT 0010 E-9	Formaldehyde	0.01	0.01	
EQT 0013 E-14	Formaldehyde	0.01	0.01	
EQT 0014 E-15	Formaldehyde	0.01	0.01	
EQT 0015 E-16	Formaldehyde	0.01	0.01	
EQT 0016 E-17	Formaldehyde	0.01	0.01	
EQT 0017 E-18	Formaldehyde	0.01	0.01	
EQT 0018 E-19	Formaldehyde	0.01	0.01	
EQT 0019 E-20	Formaldehyde	0.01	0.01	
EQT 0021 T-3	Benzene	0.002	0.32	0.01
	Ethyl benzene	0.002	0.26	0.01
	Methyl Tertiary Butyl Ether	0.01	0.01	0.02
	Toluene	0.01	1.96	0.04
	Xylene (mixed isomers)	0.01	1.57	0.03
EOT 0030 FWP-1	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0031 FWP-2	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0032 FWP-3	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0033 FWP-4	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0034 FWP-5	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0035 FWP-6	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0036 FWP-7	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0037 FWP-8	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0038 FWP-9	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0039 FWP-10	Formaldehyde	< 0.01	< 0.01	< 0.01
EQT 0040 FWP-11	Formaldehyde	< 0.01	< 0.01	< 0.01
UNF 0001 UNF001	Benzene			0.01
	Ethyl benzene			0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

All phases

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 UNF001	Methyl Tertiary Butyl Ether			0.02
	Toluene			0.04
	Xylene (mixed isomers)			0.03

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

Phase I

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 E-1	Formaldehyde	0.96	0.96	0.38
EQT 0004 E-3	Formaldehyde			0.04
EQT 0005 E-4	Formaldehyde			0.04
EQT 0006 E-5	Formaldehyde			0.04
EQT 0007 E-6	Formaldehyde			0.04
EQT 0008 E-7	Formaldehyde			0.04
EQT 0009 E-8	Formaldehyde			0.04
EQT 0010 E-9	Formaldehyde			0.04
EOT 0013 E-14	Formaldehyde			0.04
EQT 0014 E-15	Formaldehyde			0.04
EQT 0015 E-16	Formaldehyde			0.04
EQT 0016 E-17	Formaldehyde			0.04
EQT 0017 E-18	Formaldehyde			0.04
EQT 0018 E-19	Formaldehyde			0.04
EQT 0019 E-20	Formaldehyde			0.04
UNF 0001 UNF001	Formaldehyde			0.94

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

Phase II

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 E-3	Formaldehyde			0.03
EQT 0005 E-4	Formaldehyde			0.03
EQT 0006 E-5	Formaldehyde			0.03
EQT 0007 E-6	Formaldehyde			0.03
EQT 0008 E-7	Formaldehyde			0.03
EQT 0009 E-8	Formaldehyde			0.03
EQT 0010 E-9	Formaldehyde			0.03
EQT 0013 E-14	Formaldehyde			0.03
EQT 0014 E-15	Formaldehyde			0.03
EQT 0015 E-16	Formaldehyde			0.03
EQT 0016 E-17	Formaldehyde			0.03
EQT 0017 E-18	Formaldehyde			0.03
EQT 0018 E-19	Formaldehyde			0.03
EQT 0019 E-20	Formaldehyde			0.03
EQT 0023 E-1	Formaldehyde	0.96	0.96	0.07
EQT 0024 E-22	Formaldehyde	0.01	0.01	0.06
EQT 0025 E-23	Formaldehyde	0.01	0.01	0.06
UNF 0001 UNF001	Formaldehyde			0.61

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER2007-0001
Permit Number: 0520-00098-V7
Air - Title V Regular Permit Major Mod

EQT0003 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase I}

1 [40 CFR 60.333(b)]

Fuel sulfur content <= 0.8 % by weight for any fuel burned. Subpart GG. [40 CFR 60.333(b)]

Which Months: All Year Phases: Phase I Statistical Basis: None specified

The permittee may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in 60.311(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to part 75 of this chapter is required. [40 CFR 60.334(h)(3)]

Phases: Phase I

Use the reference methods and procedures specified in conducting the performance tests required in 40 CFR 60.8, except as provided for in 40 CFR 60.8(b). Subpart GG. , Phases: Phase I

Phases: Phase I

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Phases: Phase I Statistical Basis: None specified

Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Phases: Phase I Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Phases: Phase I

Operating time monitored by technically sound method continuously.

Which Months: All Year Phases: Phase I Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total turbine operating time for each month, as well as the operating time for the last twelve months. Make records available for inspection by DEQ personnel.

Phases: Phase I

Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase I

Phases: Phase I

Turbine shall operate only when the primary source for the facility has been rendered inoperable by an emergency situation. , Phases: Phase I

Phases: Phase I

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

EQT0003 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase I}

11 [LAC 33:III.509.A] Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. , Phases: Phase I
 Phases: Phase I

EQT0004 E-3 - LNG Vaporizer 2101-CA

12 [40 CFR 60.48c(a)] Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup.
 Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.) [40 CFR 60.48c(g)]
 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

13 [40 CFR 60.48c(g)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

EQT0005 E-4 - LNG Vaporizer 2101-CB

14 [40 CFR 60.48c(i)] Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup.
 Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.) [40 CFR 60.48c(g)]
 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3351 - TrunkLine LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

EQT0005 E-4 - LNG Vaporizer 2101-CB

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

EQT0006 E-5 - LNG Vaporizer 2101-CC

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/l) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

EQT0007 E-6 - LNG Vaporizer 2101-CD

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/l) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]

Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

24 [40 CFR 60.48c(a)]

26 [40 CFR 60.48c(a)]

27 [40 CFR 60.48c(g)]

28 [40 CFR 60.48c(i)]

29 [LAC 33:III.1101.B]

30 [LAC 33:III.1313.C]

31 [LAC 33:III.1513.I]

32 [LAC 33:III.509.A]

33 [40 CFR 60.48c(a)]

34 [40 CFR 60.48c(g)]

35 [40 CFR 60.48c(i)]

36 [LAC 33:III.1101.B]

37 [LAC 33:III.1313.C]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

EQT0007 E-6 - LNG Vaporizer 2101-CD

- 38 [LAC 33:III.1513]
 39 [LAC 33:III.509.A]

EQT0008 E-7 - LNG Vaporizer 2101-CE

- 40 [40 CFR 60.48c(a)]
 41 [40 CFR 60.48c(g)]
 42 [40 CFR 60.48c(i)]
 43 [LAC 33:III.1101.B]
 44 [LAC 33:III.1313.C]
 45 [LAC 33:III.1513]
 46 [LAC 33:III.509.A]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)] Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.). [40 CFR 60.48c(g)] Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

EQT0009 E-8 - LNG Vaporizer 2101-CF

- 47 [40 CFR 60.48c(a)]
 48 [40 CFR 60.48c(g)]
 49 [40 CFR 60.48c(i)]
 50 [LAC 33:III.1101.B]
 51 [LAC 33:III.1313.C]

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)] Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.). [40 CFR 60.48c(g)] Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
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EQT0009 E-8 - LNG Vaporizer 2101-CF

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

EQT0010 E-9 - LNG Vaporizer 2101-CG

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu.) [40 CFR 60.48c(g)]
 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

EQT0011 E-10 - Fuel Gas Heater 2211-LA

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

EQT0012 E-11 - Fuel Gas Heater 2211-LB

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal, or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

65 [LAC 33:III.110.B]

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

66 [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy continuously.

Required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987.

EQT0013 E-14 - LNG Vaporizer

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)] Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal, or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy continuously.

Required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Permittee shall demonstrate compliance with the permitted emission limits of this permit and other pollutants by performing stack tests on one of the vaporizers, Emission Points E-14, E-15, and E-16, using the following methods found in 40 CFR 60, Appendix A:

A. NO_x by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure [PSD-LA-685])

B. Carbon Monoxide by Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources

(Stack test performed on September 15, 2005). Permittee shall comply with all requirements of PSD Permit Number PSD-LA-685 issued October 1, 2002.

SPECIFIC REQUIREMENTS

AI ID: 3351 - TrunkLine LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER2007 0001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

EQT0013 E-14 - LNG Vaporizer

77 [LAC 33:III.509.J]

Vaporizer shall be equipped with liquid cooled burner cones with a wet injection system and with a NOx emissions limit of 4.9 lb/hr [PSD-LA-685].

EQT0014 E-15 - LNG Vaporizer

78 [40 CFR 60.48c(a)]

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)] Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBtu (140 ng/l) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBtu). [40 CFR 60.48c(g)] Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

82 [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBtu of heat input (Complies by using sweet natural gas as fuel)

Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Permittee shall demonstrate compliance with the permitted emission limits of this permit and other pollutants by performing stack tests on one of the vaporizers, Emission Points E-14, E-15, and E-16, using the following methods found in 40 CFR 60, Appendix A:

- A. NO_x by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure) [PSD-LA-685]
- B. Carbon Monoxide by Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources

(Stack test performed on September 13, 2005).

Permittee shall comply with all requirements of PSD Permit Number PSD-LA-685 issued October 1, 2002.

Vaporizer shall be equipped with liquid cooled burner cones with a wet injection system and with a NOx emissions limit of 4.9 lb/hr [PSD-LA-685].

EQT0015 E-16 - LNG Vaporizer

85 [LAC 33:III.509.A]

86 [LAC 33:III.509.J]

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

SPECIFIC REQUIREMENTS**AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal****Activity Number: PER20070001****Permit Number: 0520-00098-V7****Air - Title V Regular Permit Major Mod****EQT0015 E-16 - LNG Vaporizer**

88 [40 CFR 60.48c(g)]

Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.). [40 CFR 60.48c(g)] Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)] Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified Total suspended particulate $\leq 0.6 \text{ lb/MMBTU}$ of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Permittee shall demonstrate compliance with the permitted emission limits of this permit and other pollutants by performing stack tests on one of the vaporizers, Emission Points E-14, E-15, and E-16, using the following methods found in 40 CFR 60, Appendix A:

- A. NO_x by Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure). [PSD-LA-685]
- B. Carbon Monoxide by Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources

(Stack test performed on September 13, 2005).
Permittee shall comply with all requirements of PSD Permit Number PSD-LA-685 issued October 1, 2002.
Vaporizer shall be equipped with liquid cooled burner cones with a wet injection system and with a NO_x emissions limit of 4.9 lb/hr [PSD-LA-685].

EQT0016 E-17 - LNG Vaporizer SCV

96 [40 CFR 60.48c(a)]

97 [40 CFR 60.48c(g)]

98 [40 CFR 60.48c(i)]

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)] Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/J) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.). [40 CFR 60.48c(g)] Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER20070001
Permit Number: 0520-00098-V7
Air - Title V Regular Permit Major Mod

EQT0016 E-17 - LNG Vaporizer SCV

- 99 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0017 E-18 - LNG Vaporizer SCV

- 102 [40 CFR 60.48c(a)] Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup.
 Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/l) heat input or more, keep records of the fuel combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.). [40 CFR 60.48c(g)]
 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0018 E-19 - LNG Vaporizer SCV

- 108 [40 CFR 60.48c(a)] Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup.
 Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/l) heat input or more, keep records of the fuel combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu.). [40 CFR 60.48c(g)]
 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

SPECIFIC REQUIREMENTS**AI ID:** 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal**Activity Number:** PER20070001**Permit Number:** 0520-000098-V7**Air - Title V Regular Permit Major Mod****EQT0018 E-19 - LNG Vaporizer SCV**

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

111 [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0019 E-20 - LNG Vaporizer SCV

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. If fuel used has a potential sulfur dioxide emission rate of 0.32 lb/MMBTu (140 ng/l) heat input or more, keep records of the fuels combusted during each day. Subpart Dc. (FERC tariff currently limits sulfur in gas to less than 20 grains/100 scf or 0.03 lb/MMBTu). [40 CFR 60.48c(g)]
 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

112 [LAC 33:III.1313.C]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0020 E-21 - WEG Solution Heater 2211-LC

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

113 [LAC 33:III.1513.I]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

EQT0020 E-21 - WEG Solution Heater 2211-LC

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III:Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0021 T-3 - Gasoline Storage Tank

Equip with a submerged fill pipe.

Determine VOC maximum true vapor pressure using the methods in LAC 33:III:2103.H.3.a-e.

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III:2103.1.4.

EQT0023 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency (Phase II)

Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)]

Which Months: All Year Phases: Phase II Statistical Basis: None specified

The permittee may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in 60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to part 75 of this chapter is required. [40 CFR 60.334(h)(3)]

Use the referenced methods and procedures specified in conducting the performance tests required in 40 CFR 60.8, except as provided for in 40 CFR 60.8(b). Subpart GG. , Phases: Phase II Phases: Phase II Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel)].

Which Months: All Year Phases: Phase II Statistical Basis: None specified Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

122 [LAC 33:III.1513]
 123 [LAC 33:III.2103.A]
 124 [LAC 33:III.2103.H.3]
 125 [LAC 33:III.2103.J]

126 [40 CFR 60.333(b)]
 127 [40 CFR 60.334(h)(3)]
 128 [40 CFR 60.335]
 129 [LAC 33:III.1101.B]
 130 [LAC 33:III.1311.C]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

EQT0023 E-1 - Gas Turbine 2204-JA (20 MW) - Emergency {Phase II}

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Phases: Phase II
 Operating time monitored by technically sound method continuously.

Which Months: All Year Phases: Phase II Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total turbine operating time for each month, as well as the operating time for the last twelve months. Make records available for inspection by DEQ personnel.

Phases: Phase II
 Submit report Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental

Compliance, Enforcement Division. , Phases: Phase II

Phases: Phase II
 Turbine shall operate only when the primary source for the facility has been rendered inoperable by an emergency situation, and not to exceed

150 hr/yr. , Phases: Phase II

Phases: Phase II
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. , Phases: Phase II

Phases: Phase II
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. , Phases: Phase II

Phases: Phase II
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. , Phases: Phase II

Phases: Phase II
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. , Phases: Phase II

Phases: Phase II
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. , Phases: Phase II

Phases: Phase II
 Permittee shall comply with all requirements of PSD Permit Number PSD-LA-97 (M-2) issued May 27, 1987. , Phases: Phase II

EQT0024 E-22 - Glycol Heater (3202-C1)

Nitrogen oxides <= 0.10 lb/MMBTU (43 ng/l) heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.

Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average

Determine compliance with the NOx standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)], Phases: Phase II

Phases: Phase II
 Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d), except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]

Which Months: All Year Phases: Phase II Statistical Basis: Hourly average

Nitrogen oxides recordkeeping by CMS continuously, except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]

Phases: Phase II
 Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)], Phases: Phase II

Phases: Phase II
 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NOx and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)], Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER20070001
Permit Number: 0520-00098-V7
Air - Title V Regular Permit Major Mod

EQT0024 E-22 - Glycol Heater (3202-C1)

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48bf(f)], Phases: Phase II

- Phases: Phase II
- Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)], Phases: Phase II
- Phases: Phase II
- Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)], Phases: Phase II
- Phases: Phase II
- Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- Phases: Phase II
- Equipment/operational data recordkeeping by electronic or hard copy at the regulations specified frequency, except as provided in 40 CFR 60.49b(p). Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]
- Phases: Phase II
- Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)], Phases: Phase II
- Phases: Phase II
- Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)], Phases: Phase II
- Phases: Phase II
- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
- Which Months: All Year Phases: Phase II Statistical Basis: None specified
- Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- Phases: Phase II
- 143 [40 CFR 60.48bf(f)]
- 144 [40 CFR 60.49b(a)]
- 145 [40 CFR 60.49b(b)]
- 146 [40 CFR 60.49b(d)]
- 147 [40 CFR 60.49b(g)]
- 148 [40 CFR 60.49b(i)]
- 149 [40 CFR 60.49b(o)]
- 150 [LAC 33:III.1101.B]
- 151 [LAC 33:III.1313.C]
- 152 [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-0098-V7
 Air - Title V Regular Permit Major Mod

EQT0025 E-23 - Glycol Heater (3202-C2)

- 153 [40 CFR 60.44b]
 Nitrogen oxides <= 0.10 lb/MMBTU (43 ng/l) heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.
 Which Months: All Year Phases: Phase II Statistical Basis: Thirty-day rolling average
 Determine compliance with the NO_x standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)], Phases: Phase II
- 154 [40 CFR 60.46b(c)]
 Phases: Phase II
 Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d), except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
 Which Months: All Year Phases: Phase II Statistical Basis: Hourly average
 Nitrogen oxides recordkeeping by CMS continuously, except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
 Phases: Phase II
 Operate NO_x continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)], Phases: Phase II
- 155 [40 CFR 60.48b(b)(1)]
 Phases: Phase II
 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)], Phases: Phase II
- 156 [40 CFR 60.48b(b)(1)]
 Phases: Phase II
 When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)], Phases: Phase II
- 157 [40 CFR 60.48b(c)]
 Phases: Phase II
 Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)], Phases: Phase II
- 158 [40 CFR 60.48b(e)]
 Phases: Phase II
 Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)], Phases: Phase II
- 159 [40 CFR 60.48b(f)]
 Phases: Phase II
 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period.
- 160 [40 CFR 60.49b(a)]
 Phases: Phase II
 Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
 Phases: Phase II
- 161 [40 CFR 60.49b(b)]
 Phases: Phase II
- 162 [40 CFR 60.49b(d)]
 Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 3351 - TrunkLine LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-0098-V7

Air - Title V Regular Permit Major Mod

EQT0025 E-23 - Glycol Heater (3202-C2)

163 [40 CFR 60.49b(g)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulations specified frequency, except as provided in 40 CFR 60.49b(p). Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]

Phases: Phase II

Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)],

Phases: Phase II

Phases: Phase II

Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)],

Phases: Phase II

Phases: Phase II

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Phases: Phase II Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Phases: Phase II Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Phases: Phase II

EQT0026 EG-1 - Diesel Emergency Generator

169 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: None specified

Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Phases: Phase II

EQT0027 EG-2 - Diesel Emergency Generator

SPECIFIC REQUIREMENTS

AU ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER20070001
Permit Number: 0520-00098-V7
Air - Title V Regular Permit Major Mod

EQT0027 EG-2 - Diesel Emergency Generator

- 172 [LAC 33:III.110.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 173 [LAC 33:III.131.C] Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Phases: Phase II

EQT0028 SEG - Diesel Emergency Generator

- 175 [LAC 33:III.110.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Phases: Phase II Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 176 [LAC 33:III.131.C] Which Months: All Year Phases: Phase II Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Phases: Phase II

EQT0030 FWP-1 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp

- 178 [LAC 33:III.110.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 179 [LAC 33:III.131.C] Which Months: All Year Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 180 [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

EQT0030 FWP-1 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp

- Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- Which Months: All Year Statistical Basis: Annual maximum
 Operating time monitored by hour/time monitor continuously during operation.
 Which Months: All Year Statistical Basis: None specified
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.
 Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0031 FWP-2 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp

- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: Annual maximum
 Operating time monitored by hour/time monitor continuously during operation.
 Which Months: All Year Statistical Basis: None specified
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.
 Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0032 FWP-3 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal	Activity Number: PER20070001	Permit Number: 0520-00098-V7	Air - Title V Regular Permit Major Mod			
EQT0032 FWP-3 - Diesel Firewater Pump - Clarke JX6H-JF30, 430 hp						
192 [LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.	Which Months: All Year Statistical Basis: None specified	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).	Which Months: All Year Statistical Basis: Six-minute average	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.	Which Months: All Year Statistical Basis: Six-minute average
193 [LAC 33:III.1311.C]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.	Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.	Operating time monitored by hour/time monitor continuously during operation.	Which Months: All Year Statistical Basis: Annual maximum	Which Months: All Year Statistical Basis: None specified	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period.
194 [LAC 33:III.1311.C]	Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.	Operating time for the last twelve months. Make records available for inspection by DEQ personnel.	Keep records of the total operating time each month, as well as the total operating time for the last twelve months.	Operating time monitored by hour/time monitor continuously during operation.	Operating time recordkeeping by electronic or hard copy monthly.	Which Months: All Year Statistical Basis: Six-minute average
195 [LAC 33:III.1311.D]						Which Months: All Year Statistical Basis: Six-minute average
196 [LAC 33:III.1513]						Which Months: All Year Statistical Basis: Six-minute average
197 [LAC 33:III.501.C.6]						Which Months: All Year Statistical Basis: Six-minute average
198 [LAC 33:III.501.C.6]						Which Months: All Year Statistical Basis: Six-minute average
199 [LAC 33:III.501.C.6]						Which Months: All Year Statistical Basis: Six-minute average
200 [LAC 33:III.501.C.6]						Which Months: All Year Statistical Basis: Six-minute average
						Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0033 FWP-4 - Diesel Firewater Pump - Clarke JX6H-JF30, 430 hp

201 [LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.	Which Months: All Year Statistical Basis: None specified	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.	Which Months: All Year Statistical Basis: Six-minute average	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
202 [LAC 33:III.1311.C]					
203 [LAC 33:III.1513]					

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER2007001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

EQT0033 FWP-4 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

Operating time monitored by hour/time monitor continuously during operation.

Which Months: All Year Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.
Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0034 FWP-5 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

Operating time monitored by hour/time monitor continuously during operation.

Which Months: All Year Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.
Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0035 FWP-6 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

EQT0035 FWP-6 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

Operating time monitored by hour/time monitor continuously during operation.

Which Months: All Year Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.

Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0036 FWP-7 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

EQT0035 FWP-6 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

215 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

216 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

EQT0036 FWP-7 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

217 [LAC 33:III.1513]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

218 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

EQT0036 FWP-7 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

219 [LAC 33:III.501.C.6]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

220 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

EQT0035 FWP-6 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

221 [LAC 33:III.501.C.6]

Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

222 [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

EQT0036 FWP-7 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

223 [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

EQT0035 FWP-6 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

224 [LAC 33:III.1513]

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER20070001

Permit Number: 0520-00098-V7

Air - Title V Regular Permit Major Mod

EQT0036 FWP-7 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

Operating time monitored by hour/time monitor continuously during operation.

Which Months: All Year Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.

Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0037 FWP-8 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

Operating time monitored by hour/time monitor continuously during operation.

Which Months: All Year Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.

Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0038 FWP-9 - Diesel Firewater Pump - Clarke JX6H-UJF30, 430 hp

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

EQT0038 FWP-9 - Diesel Firewater Pump - Clarke JX6H-JF30, 430 hp

- 237 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 238 [LAC 33:III.1513] Which Months: All Year Statistical Basis: Annual maximum
 Operating time monitored by hour/time monitor continuously during operation.
 Which Months: All Year Statistical Basis: None specified
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.
 Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 239 [LAC 33:III.501.C.6]
- 240 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: Annual maximum
 Operating time monitored by hour/time monitor continuously during operation.
 Which Months: All Year Statistical Basis: None specified
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.
 Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 241 [LAC 33:III.501.C.6]
- 242 [LAC 33:III.501.C.6]
- 243 [LAC 33:III.1101.B]
- 244 [LAC 33:III.1311.C]
- 245 [LAC 33:III.1513]
- 246 [LAC 33:III.501.C.6]
- 247 [LAC 33:III.501.C.6]
- 248 [LAC 33:III.501.C.6]
- EQT0039 FWP-10 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp
- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: Annual maximum
 Operating time monitored by hour/time monitor continuously during operation.
 Which Months: All Year Statistical Basis: None specified
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal

Activity Number: PER2007001

Permit Number: 0520-00098-V7

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EQT0039 FWP-10 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp

249 [LAC 33:III.501.C.6]

Submit report: Due annually by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0040 FWP-11 - Diesel Firewater Pump - Clarke JX6H-UF30, 430 hp

250 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time <= 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: Annual maximum

Operating time monitored by hour/time monitor continuously during operation.

Which Months: All Year Statistical Basis: None specified

Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel.

Submit report: Due annually, by the 31st of March. Report the total operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

FUG001 FG-1 - Fugitive Losses from Pipeline Components

257 [LAC 33:III.2111]

Equip all rotary pumps and compressors with mechanical seals.

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
Activity Number: PER2007001
Permit Number: 0520-00098-V7
Air - Title V Regular Permit Major Mod

FUG0001 FG-1 - Fugitive Losses from Pipeline Components

258 [LAC 33.III.501.C.6] Fugitive emission piping components may be added to or removed from the permitted units, without triggering the need to apply for a permit modification, provided:

- A. Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increases except from the fugitive emissions components themselves;
- B. The changes do not involve any associated increase in production rate or capacity, or tie in new or modified process equipment other than the piping components;
- C. Actual emissions following the changes will not exceed the emission limits contained in this permit; and
- D. The components are promptly incorporated into any applicable leak detection and repair program.

GRP0003 Vaporizer Heat Input CAP No. 1

Group Members: EQT0004 EQT0005 EQT0006 EQT0007 EQT0008 EQT0009 EQT0010 EQT0011 EQT0012 EQT0013 EQT0014 EQT0015

Submit report: Due annually, by the 31st of March. Report the total heat input for all vaporizer in this group for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase II

Phases: Phase II
Total heat input <= 4,577,000 MM BTU/yr as an aggregate for all vaporizers in this group. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total heat input exceeds the maximum listed in this specific condition for any twelve consecutive month period. , Phases: Phase II
Phases: Phase II

Total heat input monitored by technically sound method continuously.

Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum

Total heat input recordkeeping by electronic or hard copy monthly. Keep records of the total heat input for all vaporizers in this group each month, as well as the total heat input for the last twelve months. Make records available for inspection by DEQ personnel.
Phases: Phase II

GRP0004 Vaporizer Heat Input CAP No. 2

Group Members: EQT0016 EQT0017 EQT0018 EQT0019

Submit report: Due annually, by the 31st of March. Report the total heat input for all vaporizer in this group for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase II
Phases: Phase II

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
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GRP0004 Vaporizer Heat Input CAP No. 2

264 [LAC 33:III.501.C.6] Total heat input <= 1,870,600 MM BTU/yr as an aggregate for all vaporizers in this group. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total heat input exceeds the maximum listed in this specific condition for any twelve consecutive month period. , Phases: Phase II

Phases: Phase II
 Total heat input monitored by technically sound method continuously.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
 Total heat input recordkeeping by electronic or hard copy monthly. Keep records of the total heat input for all vaporizers in this group each month, as well as the total heat input for the last twelve months. Make records available for inspection by DEQ personnel.
 Phases: Phase II

GRP0005 Glycol Heater Heat Input CAP

Group Members: EQT0024 EQT0025

267 [LAC 33:III.501.C.6]

Submit report: Due annually, by the 31st of March. Report the total heat input for both glycol heaters for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. , Phases: Phase II

Phases: Phase II

268 [LAC 33:III.501.C.6]

Total heat input <= 2,319,210 MM BTU/yr as an aggregate for both glycol heaters. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total heat input exceeds the maximum listed in this specific condition for any twelve consecutive month period. , Phases: Phase II

Phases: Phase II

269 [LAC 33:III.501.C.6]

Total heat input monitored by technically sound method continuously.
 Which Months: All Year Phases: Phase II Statistical Basis: Annual maximum
 Total heat input recordkeeping by electronic or hard copy monthly. Keep records of the total heat input for both glycol heaters each month, as well as the total heat input for the last twelve months. Make records available for inspection by DEQ personnel.
 Phases: Phase II

UNF0001 Entire Facility

271 [40 CFR 60.1]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

[40 CFR 70.5(a)(1)(iii)]

Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(ii)(A)]

SPECIFIC REQUIREMENTS

AI ID: 3351 - Trunkline LNG Co LLC - Lake Charles LNG Receiving Terminal
 Activity Number: PER20070001
 Permit Number: 0520-00098-V7
 Air - Title V Regular Permit Major Mod

UNF0001 Entire Facility

274 [40 CFR 70.6(a)(3)(iii)(B)]

Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. (A report is not required during periods in which there is no excess emission). [40 CFR 70.6(a)(3)(iii)(B)]

Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance

Division. [40 CFR 70.6(c)(5)(iv)]

Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

275 [40 CFR 70.6(c)(5)(iv)]

Outdoor burning of waste material or other combustible material is prohibited.

276 [LAC 33:III.1103]

Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

277 [LAC 33:III.1109.B]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

278 [LAC 33:III.1303.B]

Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds

279 [LAC 33:III.1305]

emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

280 [LAC 33:III.2113.A]

Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of

281 [LAC 33:III.219]

these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but

282 [LAC 33:III.509]

not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

283 [LAC 33:III.5611.A]

Comply with the requirements of PSD-LA-97 (M-2) and PSD-LA-685. This permit includes provisions of the Prevention of Significant

284 [LAC 33:III.5611.B]

Deterioration (PSD) review from Permits PSD-LA-97 (M-2) and PSD-LA-685.

285 [LAC 33:III.919.D]

Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution

Emergency. Due within 30 days after requested by the administrative authority.

During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person

authorized by the department to enforce these regulations.

Submit Emission Inventory (EI)/Annual Emissions Statement. Due annually, by the 31st of March for the period January 1 to December 31 of

the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment,

Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.